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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/566,731	09/19/2006	Tenryu Misawa	0925-0229PUS1	9224
2292 7590 06/24/2009 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747				
EXAMINER				
MCADAMS, BRAD				
ART UNIT		PAPER NUMBER		
2456				
NOTIFICATION DATE		DELIVERY MODE		
06/24/2009		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary

Application No.

10/566,731

Applicant(s)

MISAWA ET AL.

Examiner

ROBERT B. MCADAMS

Art Unit

2456

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 24-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 February 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-8508)
- Paper No(s)/Mail Date 02/02/2008
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This Office Action is in response to the preliminary amendment filed on May 16, 2007.
2. Claims 24-32 are pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. **Claims 24-27** are rejected under 35 U.S.C. 102(b) as being anticipated by *Eshel* (U.S. Patent No. 5,535,375).

As to **Claim 24**, *Eshel* discloses a network connection system (**Figure 1**), comprising a first communication means (**LAN 19, Figure 1**), connected to a network (**Network 10, Figure 1**), for communicating with an apparatus (**Clients 14, Figure 1**) connected to the network, and a second communication means (**Client 16 connects to Host 12 via Network 10; Figure 1**), connected to an image information apparatus (**Host 12, Figure 1**), for communicating with the image information apparatus, the network connection system characterized in that a data writing instruction outputted from the image information apparatus is converted into a file sharing protocol of the

network (**Protocol Converters 34, 36,38 and 46 convert data writing requests into the common protocol of the network. Column 6, Lines 42-55).**

As to **Claim 25**, *Eshel* further discloses wherein the data writing instruction is an instruction for writing data to a physical sector of a recorder locally connected to the image information apparatus (**Host 12 writes data to the Direct Access Storage Devices connected to the Host 12. Column 4, Lines 26-32).**

As to **Claim 26**, *Eshel* further discloses wherein the conversion into the file sharing protocol includes either creating a new file to be shared or opening an existing file to be shared (**Figure 2a; Column 8, Lines 6-29).**

As to **Claim 27**, *Eshel* further discloses wherein the name of a file to be shared is a name corresponding to LBA (**Host creates a filename which relates to the area on the Direct Access Storage Device related to the file. Figure 2a).**

As to **Claim 28**, *Eshel* further discloses wherein a data reading instruction outputted from the image information apparatus is converted into a protocol for reading data from a file to be shared in the network (**Figure 2b; Paragraph bridging Columns 8 and 9).**

As to **Claim 29**, *Eshel* further discloses wherein the data reading instruction is an instruction for reading data from a physical sector of a recorder locally connected to the image information apparatus (**Host 12 reads data from Direct Access Storage Devices 20-23. Column 4, Lines 24-41**).

As to **Claim 30**, *Eshel* further discloses wherein the second communication means is connected to the image information apparatus through the network, and communicates with the image information apparatus through the network (**Communications occur via Network 10. Paragraph bridging Columns 3 and 4**).

As to **Claim 31**, *Eshel* discloses a network connection system (**Figure 1**), comprising a first and a second communication means (**LAN 19 and Network 10, Figure 1**), connected to a network (**Network 10, Figure 1**), each for communicating with an apparatus (**Clients 14, Figure 1**) connected to the network, the network connection system characterized in that the apparatus connected to the first communication means through the network is to correspond to a file sharing protocol of the network (**LAN 19 corresponds to the file sharing network protocol of Client 14a. Column 3, Lines 45-52**), and a processing instruction outputted from an image information apparatus connected to the second communication means through the network is set to be an access instruction to the file sharing protocol (**Protocol Converters 34, 36, 38 and 46 convert data access instructions into the common protocol of the network. Column 6, Lines 42-55**).

As to **Claim 32**, *Eshel* discloses a network connection method used for a network connection system (**Figure 1**) connected to a network (**Network 10, Figure 1**) and an image information apparatus (**Host 12, Figure 1**), the network connection method comprising:

a corresponding step of corresponding an apparatus (**Clients 14, Figure 1**) connected to the network to a file sharing protocol of the network (**Protocol Converters 34, 36,38 and 46 convert data requests from the Clients into the common protocol of the network. Column 6, Lines 42-55**); and

an instruction step of setting, to an access instruction to the file sharing protocol, a processing instruction outputted from the image information apparatus through the network (**Protocol Converters 34, 36,38 and 46 convert data writing requests into the common protocol of the network. Column 6, Lines 42-55**).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ROBERT B. MCADAMS whose telephone number is (571)270-3309. The examiner can normally be reached on Monday-Thursday 6:30am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/R. B. M./
Examiner, Art Unit 2456

/Kevin Bates/
Primary Examiner, Art Unit 2456